

- 1. A rear projection screen comprising a lens sheet having an optical function of condensing or diffusing light, wherein the lens sheet has two or more diffusing parts separately provided in a lighttransmitting direction.
- 2. The rear projection screen according to claim 1, wherein one of the two or more diffusing parts is provided on a light-entering-side surface of the lens sheet, and another one of the diffusing parts is provided on a light-emerging-side surface of the lens sheet.
- 3. The rear projection screen according to claim 1, wherein the two or more diffusing parts are provided on a surface of the lens sheet and inside the same.
- 4. The rear projection screen according to claim 1, wherein any two of the two or more diffusing parts are such that a light-source-side diffusing part has a diffusing power bower than that of an observationside diffusing part.
- 5. The rear projection screen according to claim 1, wherein any two of the two or more diffasing parts are such that a light-source-side diffusing part is formed by incorporating first diffusive fine particles into a first base material, that an observation-side diffusing part is formed by incorporating second diffusive fine particles into a second base material, and that a difference between a refractive index of the first diffusive fine particles and that of the first base material is smaller than a difference between a refractive index of the second diffusive fine particles and that of the second base material.
- 6. The rear projection screen according to claim 5, wherein the second diffusive fine particles have an average particle diameter not greater than 15 micrometers.
- 7. A rear projection screen comprising two or more lens sheets or optical sheets having an optical function of condensing or diffusing light, wherein

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at least one of the two or more lens sheets or optical sheets has at least one diffusing part, and

the two or more lens sheets or optical sheets have, as a whole, two or more diffusing parts.

- L. The rear projection screen according to claim 7, wherein the diffusing parts are provided on surfaces of the two or more lens sheets or optical sheets, or inside the same.
- 7 \$. The rear projection screen according to claim 7, wherein the diffusing part of the outermost lens sheet or optical sheet on a light source side is provided on a light-entering-side surface of this lens sheet or optical sheet, and the diffusing part of the outermost lens sheet or optical sheet on an observation side is provided on a light-emerging-side surface of this lens sheet or optical sheet.
- 10. The rear projection screen according to claim 7, wherein any two of the two or more diffusing parts are such that a light-source-side diffusing part has a diffusing power lower than that of an observationside diffusing part.
- The rear projection screen according to claim 7, wherein any two of the two or more diffusing parts are such that a light-source-side diffusing part is formed by incorporating first diffusive fine particles into a first base material, that an observation-side diffusing part is formed by incorporating second diffusive fine particles into a second base material, and that a difference/between a refractive index of the first diffusive fine particles and that of the first base material is smaller than a difference between a refractive index of the second diffusive fine particles and that of the second base material.
- The rear projection screen according to claim 11, wherein the second diffusive fine particles have an average particle diameter not greater than 15 micrometers.

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